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Long B. Nguyen  
Director, Process Safety & Environmental Programs

December 2, 2021

Director, Air Enforcement Division  
U.S. Environmental Protection Agency  
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Director of Litigation  
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Chief, Environmental Enforcement Section  
Environment and Natural Resources Division  
U.S. Department of Justice  
Box 7611 Ben Franklin Station  
Washington, D.C. 20044-7611

**Re: Malfunction Event Notice  
Tokai Carbon CB Borger Plant**

Dear Sir/Madame:

Per Provision 54 of the Consent Decree, Tokai Carbon CB hereby provides notice that the Borger Plant experienced a malfunction at the newly installed Wet Gas Acid ("WSA") scrubber on November 24, 2021. The cause of the malfunction was due to a leak in the acid piping system. The WSA scrubber system had to be shut down so that plant personnel could fix this leak. During this period, the flares at the plant were put into operation for approximately a week as secondary control devices to burn the tailgas.

The WSA scrubber unit also experienced a malfunction event on November 6, 2021 that caused elevated levels of NO<sub>x</sub> and SO<sub>2</sub> emissions relative to the 7-day limits. The normal mode of the operation for the plant is to have both boilers (Boiler 1 and Boiler 2) be in operation while the WSA scrubber is in operation. On November 6, there was a tube leak in Boiler 2 and this required plant personnel to shut down the boiler. The WSA scrubber was then treating the flue gas from only Boiler 1 and adjustments had to be made to the WSA

scrubber because of this change in the process. Since the WSA scrubber is still in the commissioning phase and plant personnel are still in the process of trying to optimize its operation, plant personnel spent some time making adjustments to the process so that the emissions could return to below their limits.

Affirmation defenses will be asserted for these malfunction events in the next semi-annual compliance report per Provision 77 of the Consent Decree. Please let me know if you need additional information.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Long B. Nguyen', with a stylized flourish at the end.

Long B. Nguyen